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**From:** Linkins, Samantha [Linkins.Samantha@epa.gov]  
**Sent:** 8/7/2017 4:52:03 PM  
**To:** Gentry, Nathan [Gentry.Nathan@epa.gov]; Orme-Zavaleta, Jennifer [Orme-Zavaleta.Jennifer@epa.gov]; Buckley, Timothy [Buckley.Timothy@epa.gov]  
**CC:** Kavlock, Robert [Kavlock.Robert@epa.gov]; Plotkin, Viktoriya [Plotkin.Viktoriya@epa.gov]; Strynar, Mark [Strynar.Mark@epa.gov]; Watkins, Tim [Watkins.Tim@epa.gov]; Gwinn, Maureen [gwinn.maureen@epa.gov]  
**Subject:** Re: Sen. Burr staff request for GenX call w/ Hill staff and NC local officials next week

NCDEQ will not be on our precall, which is EPA only. I'm not sure if they will be on the main briefing call on Wednesday with the staffers and NC folks, but I will find out.

For the precall, it looks like 4-4:30 or 4:30-5 will work best for you guys and also the other EPA offices. Expect a precall invite from Matt Klasen shortly. And I'll get back to you on NCDEQ's involvement in the Wednesday call.

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**From:** Gentry, Nathan  
**Sent:** Monday, August 7, 2017 12:26:48 PM  
**To:** Orme-Zavaleta, Jennifer; Buckley, Timothy  
**Cc:** Kavlock, Robert; Plotkin, Viktoriya; Strynar, Mark; Watkins, Tim; Gwinn, Maureen; Linkins, Samantha  
**Subject:** RE: Sen. Burr staff request for GenX call w/ Hill staff and NC local officials next week

Looping in Sam. Not sure if this is the same thing that she's trying to schedule.

Nathan Gentry  
Scheduler for Bob Kavlock, Richard Yamada, Chris Robbins and Bruce Rodan  
Assistant Deputy Ethics Official  
EPA Office of Research and Development  
Phone: 202-564-9084  
Fax: 202-565-2430

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**From:** Orme-Zavaleta, Jennifer  
**Sent:** Monday, August 07, 2017 12:25 PM  
**To:** Buckley, Timothy <Buckley.Timothy@epa.gov>  
**Cc:** Kavlock, Robert <Kavlock.Robert@epa.gov>; Plotkin, Viktoriya <Plotkin.Viktoriya@epa.gov>; Strynar, Mark <Strynar.Mark@epa.gov>; Watkins, Tim <Watkins.Tim@epa.gov>; Gwinn, Maureen <gwinn.maureen@epa.gov>; Gentry, Nathan <Gentry.Nathan@epa.gov>  
**Subject:** Re: Sen. Burr staff request for GenX call w/ Hill staff and NC local officials next week

Tim w, can you work w nathan and see what you can set up. R 4 contact is becky allenbach, and deq is sheila Holman

Tim b, would be good to have a few graphics to share during the call

Jennifer Orme-Zavaleta, PhD  
Director, National Exposure Research Laboratory  
USEPA  
RTP, NC

Ex. 6 Personal Privacy (PP)

On Aug 7, 2017, at 12:21 PM, Buckley, Timothy <Buckley.Timothy@epa.gov> wrote:

The contract lab (Test America) did not report non-targeted results, only GenX.

Tim

Timothy J. Buckley, PhD  
Director of the Exposure Methods & Measurements Division  
National Exposure Research Laboratory  
109 TW Alexander Drive  
Research Triangle Park, NC 27711

Email: [buckley.timothy@epa.gov](mailto:buckley.timothy@epa.gov)

URL: <http://www.epa.gov/heasd/staff/buckley.html>

Phone: (919) 541-2454 (O); FAX: -0239

Ex. 6 Personal Privacy (PP)

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**From:** Kavlock, Robert

**Sent:** Monday, August 07, 2017 12:07 PM

**To:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Buckley, Timothy <[Buckley.Timothy@epa.gov](mailto:Buckley.Timothy@epa.gov)>

**Cc:** Plotkin, Viktoriya <[Plotkin.Viktoriya@epa.gov](mailto:Plotkin.Viktoriya@epa.gov)>; Strynar, Mark <[Strynar.Mark@epa.gov](mailto:Strynar.Mark@epa.gov)>; Watkins, Tim

<[Watkins.Tim@epa.gov](mailto:Watkins.Tim@epa.gov)>; Gwinn, Maureen <[gwinn.maureen@epa.gov](mailto:gwinn.maureen@epa.gov)>; Gentry, Nathan <[Gentry.Nathan@epa.gov](mailto:Gentry.Nathan@epa.gov)>

**Subject:** RE: Sen. Burr staff request for GenX call w/ Hill staff and NC local officials next week

Agreed. Will likely take some calendar magic given current schedule.

Were these also being detected in the split samples done by the contractor? If so, don't they send results to NC directly?

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**From:** Orme-Zavaleta, Jennifer

**Sent:** Monday, August 07, 2017 11:50 AM

**To:** Buckley, Timothy <[Buckley.Timothy@epa.gov](mailto:Buckley.Timothy@epa.gov)>

**Cc:** Plotkin, Viktoriya <[Plotkin.Viktoriya@epa.gov](mailto:Plotkin.Viktoriya@epa.gov)>; Strynar, Mark <[Strynar.Mark@epa.gov](mailto:Strynar.Mark@epa.gov)>; Watkins, Tim

<[Watkins.Tim@epa.gov](mailto:Watkins.Tim@epa.gov)>; Gwinn, Maureen <[gwinn.maureen@epa.gov](mailto:gwinn.maureen@epa.gov)>; Kavlock, Robert <[Kavlock.Robert@epa.gov](mailto:Kavlock.Robert@epa.gov)>

**Subject:** Re: Sen. Burr staff request for GenX call w/ Hill staff and NC local officials next week

I would suggest setting up a call w r 4 and ncdeq on these other findings asap

Adding Bob

Jennifer Orme-Zavaleta, PhD  
Director, National Exposure Research Laboratory  
USEPA  
RTP, NC  
919-541-2106

On Aug 7, 2017, at 11:39 AM, Buckley, Timothy <[Buckley.Timothy@epa.gov](mailto:Buckley.Timothy@epa.gov)> wrote:

Vik,

Yes, we are continuing to analyze samples and update our results reports. The story, however, has not changed much since our briefing last week. There are two sides to the story. The first is straightforward and largely positive, i.e. that

concentrations of GenX and related PFAS that we measured at 13 locations in the Cape Fear have decreased precipitously suggesting that Chemours' efforts to control discharge of these chemicals has been effective.

The second part of the story is not so positive and much more complicated. Through our non-targeted work, we have identified another set of PFAS chemicals likely linked to Nafion use/production whose concentrations are likely the same order of magnitude as initial GenX, and have remained unchanged. These chemicals are detected both in the Chemours outfall as well as downstream finished drinking water. We are quite confident of chemical identity but we can only semi-quantify because standards do not exist for these chemicals. We have not yet reported these results to Region 4 or NC DEQ. It would be good to have Bob's guidance as to whether and how to talk about these results in our Wed briefing.

Tim

Timothy J. Buckley, PhD  
Director of the Exposure Methods & Measurements Division  
National Exposure Research Laboratory  
109 TW Alexander Drive  
Research Triangle Park, NC 27711

Email: [buckley.timothy@epa.gov](mailto:buckley.timothy@epa.gov)  
URL: <http://www.epa.gov/heasd/staff/buckley.html>  
Phone: (919) 541-2454 (O); FAX: -0239  

Ex. 6 Personal Privacy (PP) C

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**From:** Plotkin, Viktoriya  
**Sent:** Monday, August 07, 2017 10:11 AM  
**To:** Buckley, Timothy <[Buckley.Timothy@epa.gov](mailto:Buckley.Timothy@epa.gov)>; Strynar, Mark <[Strynar.Mark@epa.gov](mailto:Strynar.Mark@epa.gov)>  
**Cc:** Watkins, Tim <[Watkins.Tim@epa.gov](mailto:Watkins.Tim@epa.gov)>; Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Gwinn, Maureen <[gwinn.maureen@epa.gov](mailto:gwinn.maureen@epa.gov)>  
**Subject:** RE: Sen. Burr staff request for GenX call w/ Hill staff and NC local officials next week

Hi Tim & Mark,

Bob would like to know if there are any new updates or results since he was briefed on this last week. Thanks!

Vik

**Viktoriya Plotkin**  
Office of Research & Development | US EPA  
202.564.7318 (Desk) 

Ex. 6 Personal Privacy (PP) C

 | [plotkin.viktoriya@epa.gov](mailto:plotkin.viktoriya@epa.gov)

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**From:** Gwinn, Maureen  
**Sent:** Thursday, August 03, 2017 4:53 PM  
**To:** Plotkin, Viktoriya <[Plotkin.Viktoriya@epa.gov](mailto:Plotkin.Viktoriya@epa.gov)>  
**Subject:** Fwd: Sen. Burr staff request for GenX call w/ Hill staff and NC local officials next week

FYI

Sent from my iPhone

Begin forwarded message:

**From:** "Watkins, Tim" <Watkins.Tim@epa.gov>

**Date:** August 3, 2017 at 4:35:24 PM EDT

**To:** "Sinks, Tom" <Sinks.Tom@epa.gov>, "Linkins, Samantha" <Linkins.Samantha@epa.gov>

**Cc:** "Strynar, Mark" <Strynar.Mark@epa.gov>, "Buckley, Timothy" <Buckley.Timothy@epa.gov>, "Orme-Zavaleta, Jennifer" <Orme-Zavaleta.Jennifer@epa.gov>, "Flowers, Lynn" <Flowers.Lynn@epa.gov>, "Gwinn, Maureen" <gwinn.maureen@epa.gov>, "Martin, Lawrence" <Martin.Lawrence@epa.gov>, Anand Mudambi <Mudambi.Anand@epa.gov>

**Subject:** RE: Sen. Burr staff request for GenX call w/ Hill staff and NC local officials next week

I would suggest Tim Buckley as the ORD lead and he will coordinate with and include Mark Strynar and other NERL technical staff as needed. Thanks.

Tim Watkins

Deputy Director

National Exposure Research Laboratory

Office of Research and Development

US EPA

(919) 541-5114

Watkins.tim@epa.gov

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**From:** Sinks, Tom

**Sent:** Thursday, August 03, 2017 12:01 PM

**To:** Linkins, Samantha <Linkins.Samantha@epa.gov>

**Cc:** Strynar, Mark <Strynar.Mark@epa.gov>; Buckley, Timothy <Buckley.Timothy@epa.gov>; Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; Flowers, Lynn <Flowers.Lynn@epa.gov>; Gwinn, Maureen <gwinn.maureen@epa.gov>; Martin, Lawrence <Martin.Lawrence@epa.gov>; Anand Mudambi <Mudambi.Anand@epa.gov>; Watkins, Tim <Watkins.Tim@epa.gov>

**Subject:** RE: Sen. Burr staff request for GenX call w/ Hill staff and NC local officials next week

Hi Sam – my two cents would be that a single speaker for ORD should be at the technical end coming from NERL – I believe Jennifer is out of the office next week. Could be Watkins, Buckley, or Strynar. I am on leave next week.

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**From:** Linkins, Samantha

**Sent:** Thursday, August 03, 2017 11:07 AM

**To:** Strynar, Mark <Strynar.Mark@epa.gov>; Buckley, Timothy <Buckley.Timothy@epa.gov>; Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; Flowers, Lynn <Flowers.Lynn@epa.gov>; Gwinn, Maureen <gwinn.maureen@epa.gov>; Sinks, Tom <Sinks.Tom@epa.gov>

**Subject:** Sen. Burr staff request for GenX call w/ Hill staff and NC local officials next week

Hi all,

Senator Burr (R-NC) has requested a briefing on GenX next week, see below for more details. I'll leave it to you guys to decide who should be on the call, but we will need one person to take the lead for ORD, who can answer most of the general questions and then direct more specific/technical questions to other ORD folks on the line. Who do you guys think that person should be, and what is your availability next week to do the briefing via phone? I glanced at your calendars, and it seems like Tuesday at 1, Wednesday between 12-3, and Thursday between 11-12 and after 3:30 might work best for most of you.

I've sent this to Bob K as well in case he should attend the briefing.

-Sam

Samantha Linkins  
Science Communication Specialist and Congressional Lead  
Office of Research and Development, US EPA  
Washington, DC  
Office: 202-564-1834  
C Ex. 6 Personal Privacy (PP)

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**From:** Klasen, Matthew

**Sent:** Wednesday, August 02, 2017 3:20 PM

**To:** Wise, Allison <Wise.Allison@epa.gov>; Peck, Gregory <Peck.Gregory@epa.gov>; Orvin, Chris <Orvin.Chris@epa.gov>; Tiago, Joseph <Tiago.Joseph@epa.gov>; Linkins, Samantha <Linkins.Samantha@epa.gov>; Schmit, Ryan <schmit.ryan@epa.gov>; Emmerson, Caroline <Emmerson.Caroline@epa.gov>; Folkemer, Nathaniel <Folkemer.Nathaniel@epa.gov>; Ingram, Amir <Ingram.Amir@epa.gov>; Myers, Bryan <Myers.Bryan@epa.gov>; Delli-Gatti, Dionne <Delli-Gatti.Dionne@epa.gov>

**Cc:** Hannon, Arnita <Hannon.Arnita@epa.gov>; Kaiser, Sven-Erik <Kaiser.Sven-Erik@epa.gov>; Levine, Carolyn <Levine.Carolyn@epa.gov>; Williams, Thea <Williams.Thea@epa.gov>; Moody, Christina <Moody.Christina@epa.gov>; Jakob, Avivah <Jakob.Avivah@epa.gov>; Bowles, Jack <Bowles.Jack@epa.gov>

**Subject:** Sen. Burr staff request for GenX call w/ Hill staff and NC local officials next week

R4, OW, ORD, OCSPP, and OECA folks,

Hope your Wednesday is going well.

Staff from Sen. Richard Burr (NC) have contacted our Congressional team in OCIR seeking to set up a call with EPA HQ folks and a group of North Carolina folks, including the Mayor of Wilmington, Chairman of the New Hanover County Commissioners, and water authority chair, to discuss GenX issues. Congressional staff from Sens. Burr and Tillis, and Congressman Rouzer, would also join the call. The Senator's staff is hoping that a conversation could happen later this week or next week -- which, given the complexity of this, means next week.

I'm including this broad group on this note because I suspect this conversation will lead to participation from each office included here — R4 for background on ongoing local work, OW for SDWA, ORD for science and lab questions, OCSPP for TSCA, and OECA for enforcement.

**CONSIDERATIONS FOR THE CALL:**

**Ex. 5 Deliberative Process (DP)**

# Ex. 5 Deliberative Process (DP)

SUGGESTED NEXT STEPS:

# Ex. 5 Deliberative Process (DP)

Thanks in advance for everyone's help.

Best,  
Matt

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Matt Klasen  
U.S Environmental Protection Agency  
Office of Congressional Affairs  
WJC North 3443P  
202-566-0780  
ce [Ex. 6 Personal Privacy (PP)]